

Chat-Bot

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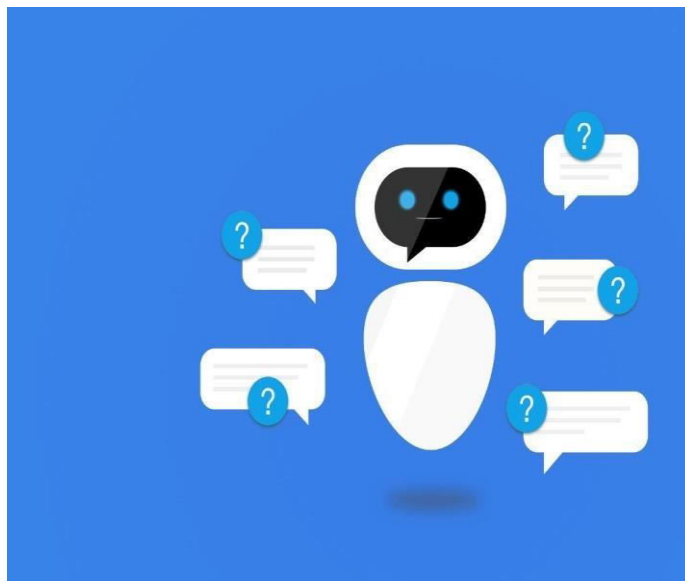
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Project Description:

In our project, we explore how a chatbot can give information to students about university-related information. In the first iteration of the project, we created a chatbot for giving students information about various queries.

One of our hypotheses was that information given by chatbots would be useful for new students at our university, giving them information about things that we consider to be important when you're a first year Students

. In the second iteration, we wanted to explore the use of chatbots through theory and used this in combination with testing to learn more about how a chatbot for this context should be. In the final iteration, iteration three, we intent to improve and change the chatbot based on the results from the last iteration and made a plan to evaluate the chatbot. The plan was then executed with five student participants. In conclusion, we will discuss the result of the evaluation.



1) What novelty do you see in the proposed research/project work by the student(s)?

The concept of chatbot is not new but the problems that we are addressing by developing, it has not been addressed. Through this project, we are addressing the query of those students who want to be enrolled in our university.

The queries which we are addressing are: 1)

Admission Related queries

2) Scholarship Related queries.

3) Hostel related queries

4) Academic Related queries

5) Examination queries



2). Feasibility analysis for chatbot project?

Ans. - Gathering feedback is always a hard nut to crack. Nobody likes to devote his free time to activities that won't bring them any benefit or at least fun. That is why chatbots seem to be a fine solution for universities and companies that need to answer the queries of their students and customers.

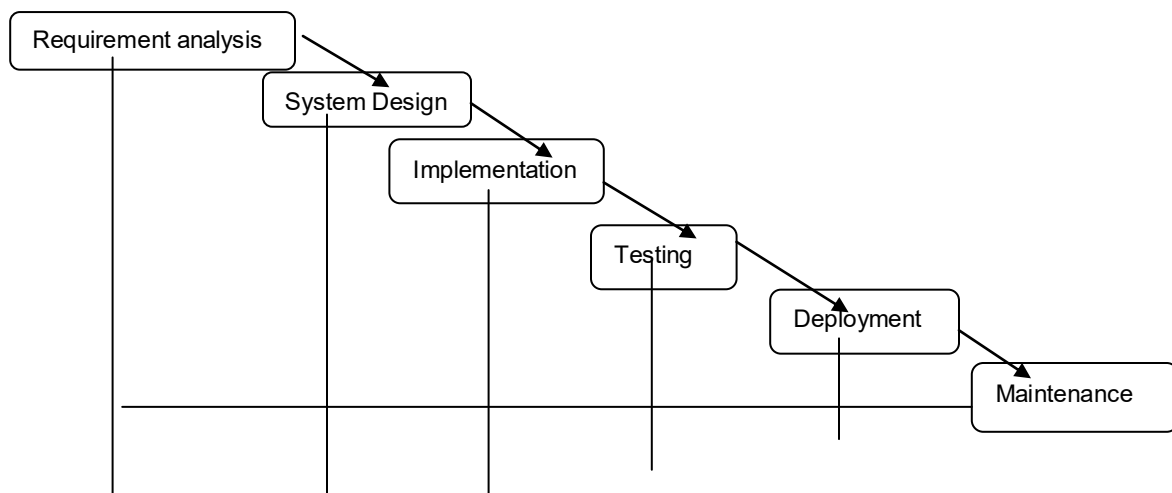
In contrast to typical online surveys, chatbots can engage users and let them have a bit of fun. For example, such a bit like Chatbot can provide a seamless experience.

The tool lets your bot to have a name, avatar, personality and use emoji's. Thanks to it, such a chatbot is able to imitate human-like conversations. users find it much more convenient to answer chatbot questions, especially when a bot uses rich messages like buttons, cards which attracts a user with visuals and colors. So, by gathering providing answers to the query with a bot, you will find it much easier to get through to your users. Besides, while talking with a chatbot, you do not know how many questions it is going to ask. That is why I think that chatbots are more

convincing than the long list of questions. I think that users are more likely to engage if they are not hard-pushed with a long list of questions. Instead, with a chatbot, they just follow the path of questions systematically. And honestly, using a chatbot at all will be a good way to learn about your users' opinions.

3) Methodology

The waterfall model was used to design and build the method.



Pic (1)

The waterfall model is based on a set of processes that are used during the development process. Normally, the Stages will necessitate the gathering and analysis of requirements. The system's design is crucial. The next step is to code the actual system. Then, if necessary, evaluation, testing, and debugging. The next step is to determine whether it is necessary. Finally, the system will either be accepted or thus maintained, or it will be abandoned.

4) Mention the research gap that the project intends to fill?

Ans.-

- 1) Quick response: The project will reduce the time taken address the queries.
- 2) Time saving: The project will save lot of user's time, as they no longer need to contact the university regarding every problem.it

Also saves the time of people working in the university, as they no longer need to reply individually.

- 1) User Handling: The Project will handle large number of users simultaneously. Answer to their query will be concurrently given instead of queuing as in the case of student helpline.

REFERENCES:

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